

Golder Associates Inc.

200 Union Boulevard, Suite 500
Lakewood, CO USA 80228
Telephone (303) 980-0540
Fax (303) 985-2080

Site:	West Lake Landfill
Ref:	MB-D079900932
Break:	10 9 out # 2
Other:	progress Report
	1P-29-5'S



November 29, 1995

Our Ref.: 943-2848

United States Environmental Protection Agency
Waste Management Division
Region VII
726 Minnesota Avenue
Kansas City, Kansas 66101

RECEIVED

NOV 30 1995

SUPERFUND DIVISION

Attention: Mr. Steven E. Kinser - Remedial Project Manager



40056619
SUPERFUND RECORDS

RE: SUBMITTAL OF THE "PHYSICAL CHARACTERIZATION MEMORANDUM", WEST LAKE LANDFILL OPERABLE UNIT 2 RI/FS

Dear Mr. Kinser:

As described in Section 6 of the Final "Remedial Investigation/Feasibility Study Work Plan, West Lake Landfill Operable Unit 2, Bridgeton, Missouri" (referred to hereafter as the Work Plan), a "Physical Characterization Memorandum" is scheduled to be submitted to EPA 60 days after completion of the 300-series piezometers. Section 4.2.4 of the Work Plan further states that the "Physical Characterization Memorandum" will be attached to a monthly report. Development of the 300-series piezometers is nearing completion, which suggests that the "Physical Characterization Memorandum" would be attached to the monthly report to be submitted to EPA by February 10, 1996.

One of the primary functions of the "Physical Characterization Memorandum" is to recommend a groundwater quality monitoring system for the site, based on direction of groundwater flow, both vertically and horizontally (refer to Sections 4.2.4 and 5.2.4.3). Although not expressly stated in the Work Plan, the schedule for submittal of the "Physical Characterization Memorandum" assumed that Operable Unit 1 intrusive activities, including monitoring well installation, would be completed well in advance of 300-series piezometer installation. It is intended that the water levels obtained from Operable Unit 1 monitoring wells will be combined with the existing site monitoring wells and Operable Unit 2 piezometers to develop a comprehensive hydrogeologic model that accurately depicts the direction of groundwater flow across the entire site. By integrating data from Operable Units 1 and 2 remedial activities, EPA will be provided with reliable data from which to evaluate the recommended groundwater monitoring program.

Operable Unit 1 remedial activities have progressed somewhat slower than had been anticipated. To allow sufficient time to collect pertinent groundwater elevation data from

both Operable Units, and to evaluate the data, develop appropriate cross-sections and water table maps, and prepare the report, an extension in time for delivery of the "Physical Characterization Memorandum" is requested. Specifically, it is requested that the delivery date for the "Physical Characterization Memorandum" be extended from February 1996 to May 1996. The extra time, if approved by EPA, will be used to collect data sufficient to properly characterize the site hydrogeologic conditions, integrate Operable Unit 1 and Operable Unit 2 results, and recommend a groundwater monitoring network for Operable Unit 2 that will be most useful for subsequent RI/FS activities, such as performing the baseline risk assessment and evaluating remedial alternatives.

If you have any questions or comments, please contact Mr. Doug Borro, Laidlaw Waste System Inc.'s designated contact, or the undersigned at (314) 770-0194.

Thank you for your attention to this matter.

Sincerely,

GOLDER ASSOCIATES INC.



Ward E. Herst, CPHG, CEM
Operations Manager - St. Louis
Associate

cc: Doug Borro - Laidlaw
Michael Hockley - SFBB

WEH/ked

Golder Associates Inc.
200 Union Boulevard, Suite 500
Lakewood, Colorado 80228
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PLEASE DELIVER IMMEDIATELY
FAX TRANSMISSION

TO: Steven E. Kinser	REF. NO.: 943-2848.207
COMPANY: United States Environmental Protection Agency	DATE: November 29, 1995
FAX No.: 1-913-551-7063	# of Pgs. (Including Cover): 3

FROM: Ward Herst
RE: Submittal of the "Physical Characterization Memorandum", West Lake Landfill Operable Unit 2 RI/FS

MESSAGE

Please see attached letter. Original will be sent via Fed Ex.

The document(s) with this transmission are only for recipient(s) named above and contain privileged/confidential information. Unauthorized disclosure, dissemination, copying of this transmission is strictly prohibited. If received in error, please destroy. Questions/problems with transmission: Contact Kathie DeFinis at (303) 980-0540.

GOLDER ASSOCIATES INC. - DENVER OFFICE

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936-1554